

Photometric test report

Family
DL® 30 LED

Order number: 5XA5132T1B08A1
EAN: 4058352059609

LP number
57198_7



Version post-top mounting
Optic asymmetric, extremely wide distribution (P1.0a)
Cover PMMA cover, impact resistant, IK08
Lamps LED 3000 K | CRI ≥ 80
Controlgear ECG Plus
Rated values Net luminous flux = 1400 lm
Power consumption = 13.1 W
Luminous efficacy = 106.9 lm/W

serial
documentation
18.11.2020

siteco

Luminous intensity in cd/klm

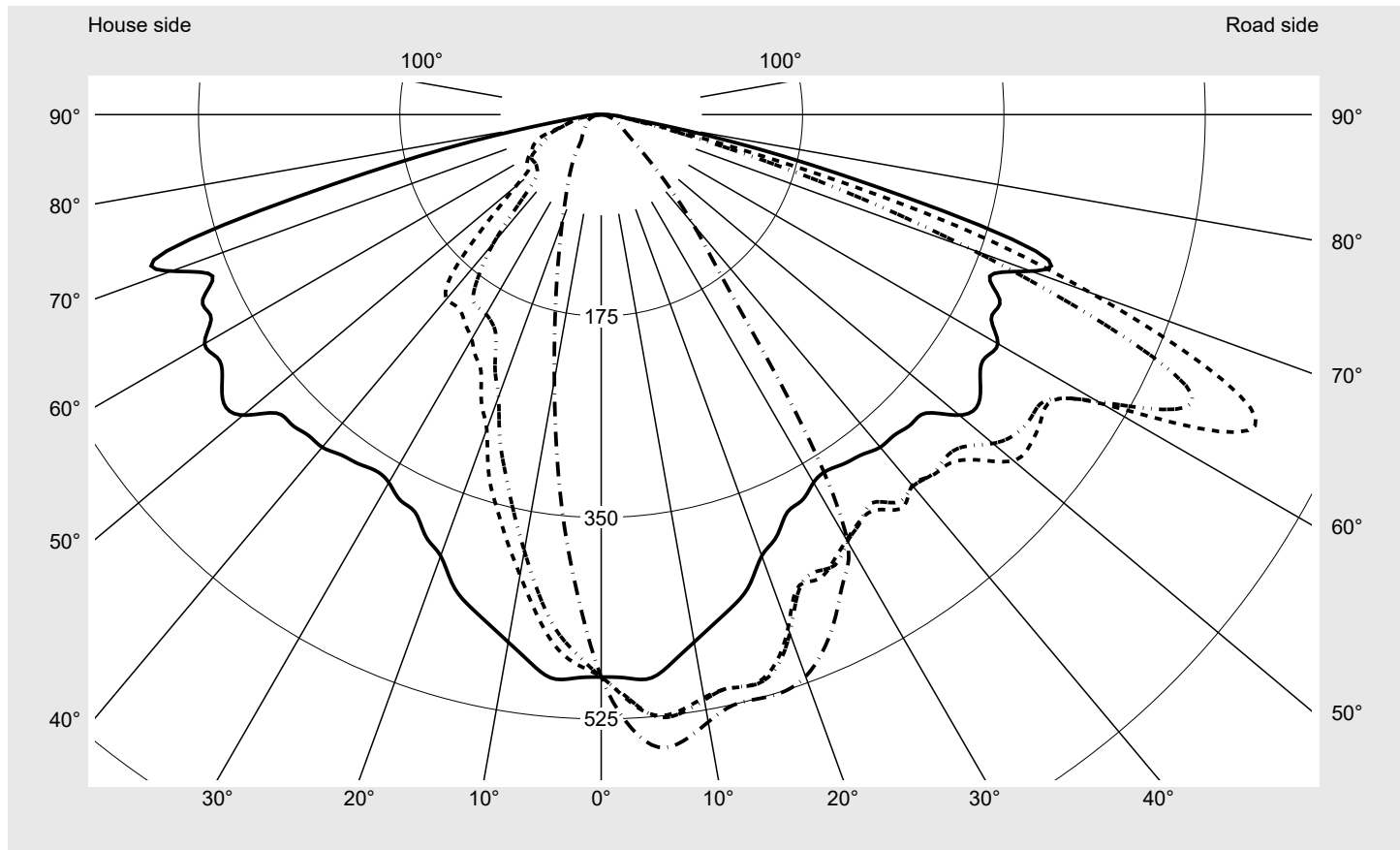
C180-0

C200-20

C205-25

C270-90

Imax: 628 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Luminous intensity class acc. to EN13201-2

Class:	G3
Imax 70°	624.1
Imax 80°	59.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

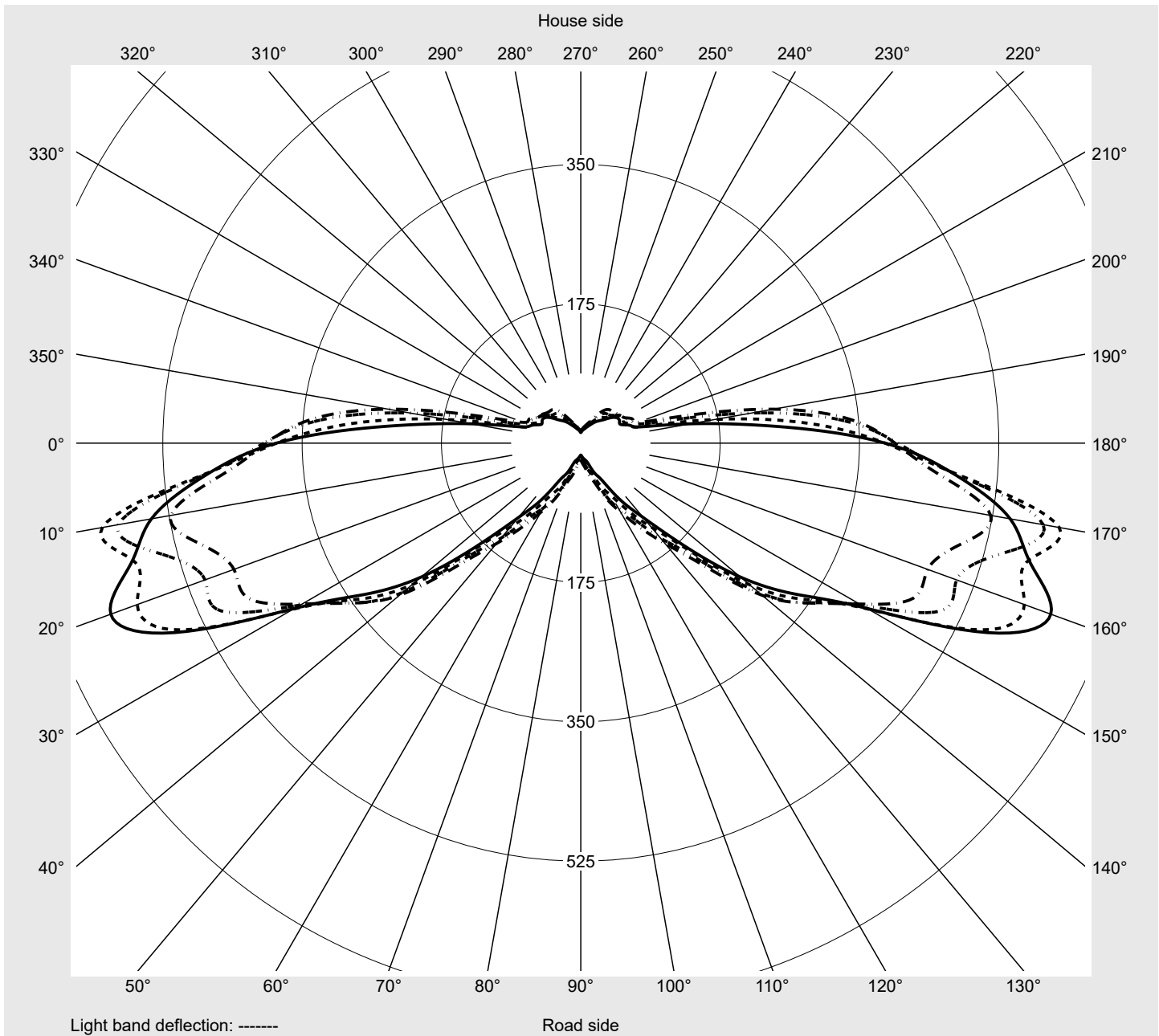
Measurement conditions

DIN EN 13032 and DIN 5032

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Family DL® 30 LED	Order number: 5XA5132T1B08A1 EAN: 4058352059609	LP number 57198_7
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Envelope curve in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Luminous intensity in cd/klm												
0,0°	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6
2,5°	489.8	496.9	502.5	512.0	508.3	506.4	512.6	522.1	526.1	522.3	519.5	522.1	524.4
5,0°	491.6	501.4	510.9	524.2	523.6	524.4	532.4	543.5	549.6	547.2	544.6	546.3	548.3
7,5°	479.3	492.4	505.9	521.6	522.5	524.9	534.1	546.6	554.3	552.6	550.6	552.6	553.9
10,0°	465.3	480.4	495.6	512.2	514.3	516.5	524.6	536.5	544.4	544.2	542.5	545.0	547.2
12,5°	453.1	472.2	490.0	508.3	510.7	510.2	515.0	522.7	528.9	528.5	527.4	531.1	535.6
15,0°	442.1	463.6	485.1	506.6	512.4	513.0	515.4	517.1	518.6	516.0	513.5	518.0	526.1
17,5°	428.6	453.1	473.9	494.8	501.2	504.7	511.1	513.3	514.8	510.7	506.8	510.7	519.5
20,0°	408.0	429.5	448.6	467.9	474.8	479.3	489.4	499.5	508.7	510.7	506.6	507.0	513.0
22,5°	397.5	418.5	434.8	446.2	445.1	448.2	461.7	474.8	491.6	501.6	499.9	498.6	500.8
25,0°	381.8	405.2	426.0	443.9	445.6	438.5	443.6	454.2	470.5	480.4	483.4	480.4	477.6
27,5°	377.9	397.9	414.2	427.7	437.2	440.8	444.9	442.6	452.5	457.0	455.0	452.7	446.2
30,0°	369.1	388.0	405.6	421.3	426.7	428.2	437.8	436.3	433.1	432.3	423.2	421.3	411.6
32,5°	366.3	381.6	395.9	407.1	418.5	419.6	422.4	423.0	416.1	409.1	397.2	383.5	368.2
35,0°	369.7	395.3	418.7	426.9	418.9	411.4	417.9	415.3	403.5	391.9	370.0	348.0	316.9
37,5°	372.3	393.2	404.1	420.0	430.3	424.3	416.1	415.9	398.7	379.2	336.4	308.5	276.3
40,0°	377.3	396.4	409.5	418.5	420.4	421.5	419.6	408.0	384.8	356.0	309.8	266.2	241.7
42,5°	377.5	396.6	403.7	413.8	425.4	424.7	403.7	395.9	363.5	327.6	285.1	233.1	208.4
45,0°	380.7	402.4	415.5	427.7	428.4	422.4	405.2	381.8	348.5	304.0	256.9	205.8	180.9
47,5°	383.7	425.8	445.4	457.0	444.1	427.1	396.6	372.7	336.7	274.8	217.8	186.5	162.2
50,0°	406.3	447.7	467.9	475.2	467.7	444.5	408.4	364.4	325.5	249.9	183.9	166.1	142.7
52,5°	413.1	459.8	471.6	482.1	470.3	455.0	413.8	352.8	304.4	230.5	165.4	150.2	124.8
55,0°	402.2	457.8	476.7	473.3	466.0	457.0	411.2	350.6	297.6	219.6	163.3	137.9	107.8
57,5°	394.7	451.8	522.7	492.8	463.6	460.8	404.1	350.2	297.3	216.1	164.6	129.1	100.1
60,0°	398.1	478.9	589.7	542.0	502.3	498.6	406.9	349.8	291.5	203.2	155.5	115.6	94.1
62,5°	382.2	481.7	610.1	579.2	592.7	554.9	417.0	342.0	276.7	187.6	137.7	103.6	76.1
65,0°	382.4	474.8	547.6	585.0	628.2	563.1	415.3	331.3	261.7	179.6	122.0	88.1	55.0
67,5°	365.9	482.7	504.7	584.1	564.8	468.8	358.8	287.2	233.3	169.7	104.0	69.0	39.7
70,0°	397.7	541.2	579.4	624.1	452.9	342.5	270.1	205.4	187.1	159.6	98.4	55.2	31.2
72,5°	398.1	500.1	475.7	434.4	331.3	222.1	158.6	124.4	121.8	109.8	73.5	43.6	20.8
75,0°	265.1	301.2	307.4	258.5	176.8	119.2	92.6	82.7	75.8	51.1	32.2	20.4	13.3
77,5°	147.8	147.6	115.6	86.8	72.6	58.2	51.3	47.1	34.6	20.8	20.0	13.3	9.5
80,0°	59.9	43.2	39.3	38.5	36.7	29.2	26.2	24.3	16.3	12.7	9.7	8.2	6.9
82,5°	22.8	24.3	25.1	24.7	22.3	18.9	16.1	13.5	11.0	9.0	7.3	6.4	5.6
85,0°	15.5	16.3	17.0	16.8	15.5	13.5	11.8	9.7	7.9	6.7	5.8	5.2	4.3
87,5°	8.4	9.2	10.1	10.5	10.1	9.2	8.2	7.1	6.0	5.2	4.7	3.9	3.7
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Luminous intensity in cd/klm												
0,0°	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6
2,5°	526.6	527.9	528.1	528.3	529.1	529.8	488.1	487.5	483.8	478.2	469.9	469.0	468.8
5,0°	550.0	550.6	550.2	550.2	550.8	551.3	484.7	480.4	472.4	463.0	449.4	443.0	438.3
7,5°	553.9	553.0	550.6	549.1	548.9	548.7	469.9	461.5	449.9	436.1	418.9	408.0	400.0
10,0°	546.8	545.0	541.4	538.6	536.5	535.8	451.2	438.9	423.7	406.3	384.8	369.3	357.5
12,5°	536.9	536.2	533.0	529.4	526.8	525.9	436.6	420.7	401.3	379.0	352.6	331.7	315.2
15,0°	530.9	531.9	530.2	527.4	525.9	525.5	419.8	400.2	377.7	352.3	322.0	295.0	273.7
17,5°	526.6	528.5	527.2	525.3	525.7	525.9	403.0	378.8	353.0	325.7	293.5	264.3	240.4
20,0°	518.4	518.4	516.5	515.4	517.8	519.5	379.0	350.8	320.8	290.9	260.8	232.2	210.1
22,5°	500.4	497.1	495.4	497.4	501.6	504.0	371.2	341.8	306.6	271.8	241.0	215.7	194.9
25,0°	471.8	466.8	468.6	474.2	479.5	481.7	354.9	327.8	288.3	247.1	216.1	195.9	180.5
27,5°	434.6	432.5	438.7	447.1	453.5	456.3	350.4	322.3	281.7	236.5	204.7	183.5	164.4
30,0°	392.7	389.3	393.2	398.7	415.5	428.0	337.3	300.8	259.7	225.2	200.2	176.0	142.7
32,5°	343.3	334.3	318.6	319.0	330.6	341.2	343.1	297.3	243.2	218.3	198.9	157.9	113.4
35,0°	293.0	273.1	272.6	273.1	267.3	223.4	340.5	291.1	233.3	211.2	194.2	134.1	89.2
37,5°	253.9	239.1	238.3	233.7	218.1	159.4	339.2	279.1	229.9	208.8	173.6	105.7	84.2
40,0°	221.7	209.0	203.2	192.9	171.4	124.2	346.3	271.8	228.6	208.8	145.2	89.2	83.6
42,5°	190.8	178.5	167.8	151.7	131.3	93.7	350.6	271.1	222.6	196.6	108.1	84.0	83.6
45,0°	160.1	147.8	134.3	114.7	94.7	68.7	350.2	269.8	225.4	162.0	84.0	81.2	81.9
47,5°	134.9	121.8	106.3	85.9	69.4	49.8	351.3	259.3	228.2	123.7	75.2	76.9	78.2
50,0°	114.3	99.0	84.0	64.7	50.5	37.4	358.1	257.6	212.7	96.9	72.8	72.2	73.3
52,5°	96.7	79.9	66.8	48.8	38.5	29.6	356.8	253.7	188.0	79.9	71.3	69.0	68.7
55,0°	84.6	66.2	53.5	38.7	30.9	24.9	347.6	255.0	159.8	78.2	71.3	66.8	63.8
57,5°	77.6	54.8	42.5	31.6	25.8	21.9	340.3	245.6	130.0	76.3	71.5	63.8	61.4
60,0°	71.1	46.4	34.2	26.4	22.3	19.3	329.6	217.4	105.3	72.6	68.5	63.2	60.6
62,5°	60.2	38.5	27.5	22.6	19.3	17.2	286.4	171.0	80.4	67.9	60.8	61.0	59.5
65,0°	42.1	27.7	22.1	19.6	17.0	15.0	243.8	139.9	79.3	65.5	55.4	56.1	55.4
67,5°	26.2	22.3	18.5	16.8	14.8	13.3	207.5	128.7	90.9	61.2	50.5	50.1	48.3
70,0°	21.1	16.3	15.0	14.2	12.7	11.6	266.2	140.1	98.2	53.9	46.2	44.3	41.5
72,5°	14.2	12.5	12.0	11.6	10.1	9.0	308.9	131.7	73.7	38.5	36.5	36.1	34.8
75,0°	10.7	10.1	9.9	9.2	7.3	6.9	249.2	124.4	53.1	30.7	30.3	29.9	28.6
77,5°	8.8	8.2	7.5	6.7	5.6	5.6	110.6	122.7	72.8	25.4	23.4	23.2	22.8
80,0°	6.4	5.8	5.4	4.7	4.3	4.3	46.6	50.5	49.8	20.0	16.1	16.3	16.5
82,5°	4.7	4.5	3.9	3.7	3.4	3.4	20.4	17.8	15.0	12.5	10.7	10.3	11.0
85,0°	3.9	3.4	3.4	3.0	3.0	3.0	13.8	11.8	10.1	8.6	7.5	7.1	6.7
87,5°	3.4	3.0	3.0	2.6	2.6	2.6	8.2	7.3	6.7	5.8	5.6	5.2	5.2
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Table of values for luminous intensities		Maximum luminous intensity
		sitEco

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	0.7	0.7
2,5°	465.3	457.4	448.8	444.7	442.1	440.4	435.5	430.5	427.3	425.8	425.8	5.8	6.6
5,0°	430.8	418.7	406.0	397.7	390.8	385.4	377.7	370.2	365.2	362.6	362.2	11.4	18.0
7,5°	389.7	375.1	360.1	348.0	337.9	328.9	318.0	308.3	301.2	297.1	296.0	16.4	34.4
10,0°	344.4	328.1	311.3	296.7	283.6	272.2	259.7	248.8	240.6	236.1	234.6	20.5	54.9
12,5°	299.7	282.5	265.8	250.3	235.7	222.6	209.7	198.7	191.0	186.9	186.1	24.1	79.0
15,0°	255.7	240.0	225.6	211.0	195.9	182.0	169.3	159.2	152.8	150.0	149.1	27.4	106.4
17,5°	220.4	203.9	189.9	176.0	161.6	147.2	135.1	127.2	122.9	120.7	120.3	30.4	136.8
20,0°	192.7	179.4	165.9	150.2	131.5	118.6	109.6	103.8	100.8	99.3	98.8	32.6	169.4
22,5°	174.2	156.4	139.2	124.2	108.1	96.7	90.7	86.6	84.0	82.5	82.1	34.6	204.1
25,0°	161.6	137.1	115.2	99.0	88.3	82.7	78.2	74.1	71.3	70.3	70.0	36.2	240.3
27,5°	134.1	108.9	92.2	83.8	79.1	73.3	67.9	63.6	60.6	59.5	59.7	37.5	277.9
30,0°	108.3	88.1	83.4	78.4	73.5	67.0	61.2	56.3	53.1	51.8	51.1	38.2	316.0
32,5°	87.4	83.4	79.7	75.4	69.8	62.1	54.6	49.6	46.2	43.8	43.4	37.9	354.0
35,0°	83.8	81.0	77.6	73.0	66.4	57.4	50.3	45.8	42.1	38.5	34.8	38.1	392.1
37,5°	82.9	80.4	76.3	71.3	64.0	54.1	47.5	42.8	38.9	34.6	28.8	38.3	430.4
40,0°	82.7	79.5	75.4	70.3	61.2	51.6	44.5	39.5	35.2	31.2	26.2	38.4	468.8
42,5°	81.9	78.8	75.0	69.0	59.1	48.6	41.2	36.1	32.0	28.1	24.1	38.1	506.9
45,0°	80.4	78.0	74.3	67.7	56.3	45.1	37.6	32.9	29.2	25.6	21.9	37.9	544.8
47,5°	77.6	75.8	72.8	66.0	53.9	42.1	34.4	30.1	26.4	23.2	20.2	38.1	582.8
50,0°	73.5	72.4	69.6	62.7	50.9	39.5	31.8	27.3	24.3	21.1	18.5	38.5	621.4
52,5°	68.1	68.1	66.0	59.1	47.9	36.7	29.4	25.6	22.3	19.6	17.2	38.5	659.9
55,0°	62.9	62.1	60.8	54.6	44.0	34.4	28.1	24.1	21.3	18.5	15.9	38.5	698.4
57,5°	58.2	56.1	55.0	49.8	40.4	32.0	26.6	23.0	20.2	17.4	15.5	39.0	737.3
60,0°	54.4	50.1	48.6	43.8	36.3	29.4	24.7	21.7	19.1	17.0	15.0	40.3	777.6
62,5°	52.0	45.5	42.1	38.2	32.4	27.1	23.0	20.4	18.3	16.1	14.2	40.7	818.3
65,0°	49.8	42.1	37.0	32.9	28.4	24.3	21.3	18.7	17.0	15.0	13.3	39.7	858.1
67,5°	44.7	38.7	32.9	28.1	24.5	21.5	19.3	17.2	15.7	13.5	12.0	36.8	894.9
70,0°	38.5	34.4	29.0	24.3	21.3	19.3	17.4	15.7	14.0	12.2	10.7	35.4	930.3
72,5°	32.0	28.8	24.3	20.6	18.3	17.0	15.7	14.0	12.2	10.5	9.5	28.6	958.9
75,0°	26.0	23.6	20.6	17.6	15.9	14.4	13.5	12.2	10.5	8.8	8.2	18.8	977.8
77,5°	20.6	18.7	16.8	14.6	13.1	12.0	11.2	9.9	8.6	6.9	6.9	10.4	988.2
80,0°	15.9	13.3	12.0	11.0	10.1	9.5	8.6	7.5	6.4	5.6	5.6	5.2	993.4
82,5°	11.6	9.7	8.2	7.7	7.5	7.1	6.4	5.6	4.7	4.3	4.3	3.0	996.5
85,0°	6.7	6.7	5.6	5.2	5.2	4.9	4.3	3.9	3.4	3.2	3.0	2.1	998.6
87,5°	4.5	4.1	3.9	3.4	3.4	3.0	2.6	2.6	2.4	2.1	2.1	1.4	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family DL® 30 LED	Order number: 5XA5132T1B08A1 EAN: 4058352059609	LP number 57198_7
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	1400	13.1	13.2	13.2
95	241	1328	12.4	12.6	12.5
90	229	1262	11.8	12.0	11.9
85	216	1191	11.1	11.3	11.2
80	203	1119	10.5	10.7	10.6
75	190	1047	9.9	10.0	10.0
70	178	981	9.3	9.4	9.4
65	165	909	8.7	8.8	8.8
60	152	838	8.1	8.2	8.1
55	140	772	7.5	7.6	7.6
50	127	700	6.9	7.0	7.0
45	114	628	6.3	6.4	6.4
40	102	562	5.8	5.9	5.8
35	89	491	5.1	5.2	5.2
34	86	474	5.0	5.0	5.0